LISTING SERVICE

LISTING No. 7170-0554:154

CATEGORY: Control Unit (High-Rise)

LISTEE: Johnson Controls, Inc. 507 E. Michigan Street, Milwaukee, WI 53202-5211
Contact: Jeff Cassidy (414) 524-4570 Fax (414) 524-7055
Jeffrey.L.Cassidy@jci.com

DESIGN: Models IFC2-640 and IFC-320 fire alarm control units. Local, auxiliary, remote station (PPU), proprietary (PPU), central station (PPU), manual, automatic, waterflow and sprinkler supervisory services. Also suitable for releasing service. Model numbers may be followed by a "R" suffix representing the enclosure color being red. Refer to listee's data sheet for additional detailed product description and operational considerations. System components:

JCPU2-640, JCPU-320	CPU Board
JNCA-2	Network Communication Annunciator
NCM-W, -F	Network Control Module
LEM-320	Loop Expander Module
KDM-R2	Keyboard Display Module
TM-4	Transmitter Module
KAPS-24, *CPS-24(E)	Power Supply
CAB-4 Series	Enclosure
DP-1B	Blank Panel
BMP-1	Blank Module
ADP2-640	Dress Panels
JCI-LBB, -LBBR	Battery Boxes
JBP2-4	Battery Dress Plates
ACM-16AT, -32A, -24AT, -48A	Annunciator Control Modules
AEM-16AT, -32A, -24AT, -48A	Annunciator Expander Modules
AFM-16A, -16AT, -32A	Annunciator Fixed Modules
AKS-1B	Annunciator Key Switch
RPT-485W	Repeater Wire
RPT-485F	Repeater Fiber
RPT-485WF	Repeater Fiber/Wire
SCS-8	Smoke Control Station
SCE-8	Smoke Control Expander
SCS-8L	Smoke Control Lamp Driver Station
SCE-8L	Smoke Control Expander Lamp
LCD-80, -160	Annunciators
LCD-80TM	Annunciator Terminal Module LCD
FDU-80, -80G	Remote Annunciator
UDACT	Universal DACT
CRT-2	Display Terminal
M500XJ	Isolator Module
FCPS-24S6, -24S8	Field Charger/Power Supply
XPM-8L	Transponder Monitor Modules
JPRN-6	Printer
NBG-12LRA	Agent Releasing Abort Station
CHS2-M2	Chassis

M300-MJ	Monitor Modules
M300DJ	Dual Monitor Module
M500FPJ	Control Module
M300RJ	Relay Module
M300CJ	Releasing Module
DPI-232	Panel Interface
RKS-S	Remote Security Key Switch

The following Models are intended for use with Model IFC2-640 only:

CA-1, CA-2	Chassis
FFT-7, -7S	Fire Fighter's Telephone
FHS	Fireman's Handset
FPJ	Fireman's Phone Jack
AMG-E	Audio Message Generator
AA-30, -100, -120	Amplifiers
JDVC Series	Digital Voice Command
JDVC-EM	Digital Voice Command Extended Memory Module
DAA-5025, -5070 Series	Digital Audio Amplifiers
ADDR-B4, -C4, -D4 Series	Door Assemblies
CMIC-1	Microphone Assembly
UZC-256	Universal Zone Coder
TELH-1	Telephone Assembly
XPIQ	Transponder Quad Intelligent Audio
ACT-1, -2	Audio Coupling Transformer
RM-1SA	Remote Microphone

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical ratings, and UL Label

APPROVAL: Listed as fire alarm control units suitable for use in high-rise applications when used in conjunction with separately listed compatible initiating and indicating devices.

This control unit can generate the temporal code pattern fire alarm signal as required per NFPA 72, 2002 Edition. Refer to manufacturer's Installation Manual for details.

This control unit meets the requirements of UL Standard 864, 8th Edition.

NOTE: For ***Fire Alarm Verification*** feature (delay of fire alarm signal), the maximum Retard/Reset/Restart period shall not exceed 30 Seconds.

XL: 7170-0028:244

*Rev. 07-10-08 bh

This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JULY 22, 2008** *Listing Expires **June 30, 2009***

Authorized By: **BEN HO***, Chief*
Fire Engineering Division